APPLICANT(S): Shahar Atir SERIAL NO.: 10/826,375 FILED: 04/19/2004

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AMENDMENTS TO THE SPECIFICATION

In the Abstract:

Please replace the Abstract with the following Abstract:

Disclosed is a method of reducing the neighbor effect while reading data in a non-volatile memory array. The method includes sensing adjacent memory cells. The sensing of the two adjacent cells is performed substantially simultaneously and through at least a partially shared sensing path.